

TECHNICAL DATA SHEET

PLATAMID® M 1276 PELLET

COPOLYAMIDE PELLET

PLATAMID® M 1276 PELLET is a thermoplastic copolyamide hot melt adhesive. It is partially manufactured from a renewable and sustainable source (castor oil). This medium melt viscosity, fast re-crystallizing grade is particularly suitable for manufacturing of webs, nets, mono- and multi-filaments, and films by extrusion. It exhibits strong adhesion onto:

- rigid and plasticized PVC as well as ABS, epoxy resin, PU, etc.
- various polar substrates (thermoplastics, thermosets, metal, natural fibers, etc.)

Dense layers of PLATAMID® M 1276 PELLET are known to have barrier properties against PVC plasticizer migration.

This product is available:

- dried (M 1276 TE)
- undried (M 1276 F)

DESIGNATION

PA*

MAIN APPLICATIONS

- Footwear - Upper
- Internal Components
- Adhesives - Automotive Interior

DELIVERY FORM

- Pellets

TRANSFORMATION PROCESSES

- Filament extrusion
- Melt Spinning

RHEOLOGICAL PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
Melt volume flow rate (MVR), 160°C / 2.16kg (320°F / 4.4 lb)	6 cm ³ /10min	ISO 1133

THERMAL PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
Melting temperature, 10°C/min	110 °C	ISO 11357-1/-3

OTHER PROPERTIES

PROPERTIES	VALUE	TEST STANDARD
Bio-based carbon content, Measured	26 %	ASTM D6866
Specific gravity, 23°C (73°F)	1.1 g/cm ³	ISO 1183-1

PACKAGING

This grade is delivered dried in sealed packaging ready to be processed. Available packaging:

- 25 kg / 55 lb bags
- 500 kg big bag

SHELF LIFE

Two years from the date of delivery, when stored properly (sealed bags, appropriate moisture, UV protection and temperature). For any use above this limit, please refer to our technical services.

SPECIAL CHARACTERISTICS

- Bio-based
- Versatile adhesion

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Disclaimer - Please consult Arkema's disclaimer regarding the use of Arkema's products on <https://www.arkema.com/global/en/products/product-safety/disclaimer/> which is incorporated herein by reference and made a part hereof.

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